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COMMISSIONER FOR PATENTS
 Mail Stop Patent Application
 P.O. Box 1450
 Alexandria, VA 22313-1450

PATENT APPLICATION
 Date: April 22, 2004
 File No. 1201.68291

16834 U.S.PTO
10/829666

042204

Sir:

Transmitted herewith for filing is the patent application of
 Inventor(s): J. Gary Eden and Ju Gao

I hereby certify that this paper is being deposited with the United
 States Postal Service as EXPRESS MAIL in an envelope addressed to:
 Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O.
 Box 1450, Alexandria, VA 22313-1450, on this date.

4-22-04

Express Mail Label No.:EV032703632US

For: PHASE LOCKED MICRODISCHARGE ARRAY
 AND AC, RF OR PULSE EXCITED MICRODISCHARGE

Enclosed are:

(X) 18 pages of specification, including 25 claims and an abstract.
 () an executed oath or declaration, with power of attorney.
 (X) an unexecuted oath or declaration, with power of attorney.
 () ____ sheet(s) of informal drawing(s).
 (X) 4 sheet(s) of formal drawing(s).
 () Assignment(s) of the invention to _____ and Assignment Cover Sheet.
 () A check in the amount of \$_____ to cover the fee for recording the assignment(s).
 () Information Disclosure Statement, Form PTO-1449 and cited references.
 () Claim for Priority and Priority Document.

Fee Calculation For Claims As Filed

a) Basic Fee	\$ 770.00
b) Independent Claims	4 - 3 = 1 x \$ 86.00 = \$ 86.00
c) Total Claims	25 - 20 = 5 x \$ 18.00 = \$ 90.00
d) Fee for Multiple Dependent Claims	\$ 290.00 = \$ _____
	Total Filing Fee \$ 946.00

(X) Applicant(s) qualifies as a Small Entity, reducing Filing Fee by half to \$ 473.00
 () A check in the amount of \$_____ to cover the filing fee is enclosed.
 () Charge \$_____ to Deposit Account No. 07-2069.
 () Other _____.

Respectfully submitted,

300 South Wacker Drive – Suite 2500
 Chicago, Illinois 60606
 Telephone: (312) 360-0080
 Facsimile: (312) 360-9315
 Customer Number 24978
 K:\CJM\new forms\updTRANS-PAT.doc

GREER, BURNS & CRAIN, LTD.

By:

Steven P. Fallon
 Registration No. 35,132